

ABSTRACT OF THE DISCLOSURE

Data indicating whether a short-circuit defect exists in a memory block is programmed a fuse program circuit. In accordance with the fuse program data and a mode instruction signal, the correspondence
5 relationship between a block select signal and a corresponding bit line isolation instruction signal is switched by a circuit that generates the bit line isolation instruction signal in a specific mode. It becomes possible to isolate the memory block in which a leakage current path exists from a corresponding sense amplifier band in a specific operation mode. Current
10 consumption at least at a standby state is reduced.